




DUY HUYNH



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SKILLS

Data	Hadoop, Pig, SQL, d3.js, Excel AWS, Matlab, Jupyter
Development	Python, Javascript, Java, Git Heroku
Visual	HTML5, CSS3, Photoshop, Sketch, Balsamiq

RECENT PROJECTS

FOOSBOT - DECEMBER 2015

+ Chat bot on Kik Messenger platform with queues and TrueSkill leaderboards

LIGHTBOX - AUGUST 2015

+ Determining feasibility of solar panels in your home without the consultant

ZUISALIVE - JUNE 2015

+ Visualizing e-commerce metrics in a beautiful and compelling format with d3.js

EXPERIENCE



Sep - Dec 2015

DATA ENGINEER

KIK MESSENGER - WATERLOO, ON

- + Redesigned the Kik Team chat bot with **Django** on the Kik Messenger platform reaching millions of users daily
- + Loaded data to Redshift using **clean ETL practices** with Pig, Jsonpaths, Bash, and SQL
- + Created and maintained **data pipelines** in Amazon Web Services with high emphasis on stability and integrity
- + Supported growth programs such as GIF support and Holiday Blasts that increased **DAU by 1%**
- + Acted as an Agile Scrum Master for 7 person Data team at Kik during standup and sprint planning



Jan - Apr 2015

PROJECT MANAGER

YOU.I LABS - OTTAWA, ON

- + Delivered multiple reports highlighting budgeting, scheduling and resourcing status of projects to external clients and stakeholders.
- + Managed certification, application submission and accounts for video game consoles (PS4, PS3, Xbox One)
- + Flew out regularly to client sites, communicating clear project objectives to multi-company program
- + Developed scripts in **Python** to sort and extract data for analysis and reporting by the business team



May - Aug 2014

BUSINESS SYSTEMS ANALYST

SUN LIFE FINANCIAL - WATERLOO, ON

- + Co-ordinated multiple technology projects across multi-disciplinary domains including web, mobile, and server development
- + Wrote and defined user requirements, specifications and interface design documents
- + Facilitated project meetings on business performance metrics and dashboards such as **lift and activation**



Sep - Dec 2013

SOFTWARE DEVELOPER

TOUSHAY INC. - OTTAWA, ON

- + Developed a plugin on Hype 2.0 web design software that enabled rapid development and design for third party developers on Toushay platform
- + Ensured code reliability through test driven development and clean code practices in **Objective-C** with Cocoa and Cocoa Touch frameworks



Jan - Apr 2013

VERIFICATION ENGINEER

MAGOR - OTTAWA, ON

- + Developed automation tools and scripts for Magor software in **Python** to replace older test automation system
- + Utilized JIRA and Bugzilla for test suite reporting and documentation

RELEVANT ROLES

Class Representative (WEEF) Jan 2016

+ Representing Systems Design Engineering during release endowment funding and budget

Code For Kids Waterloo Mentor Sep 2014

+ Taught kids aged 8-13 fundamental coding concepts using Scratch software

PROFILE

Education

Sep 2012 - Present

Candidate for Bachelor of Applied Science in Systems Design Engineering
University of Waterloo

Awards

Sandford Fleming Junior Design Award, Waterloo President's Scholarship, OCDSB Silver Medal